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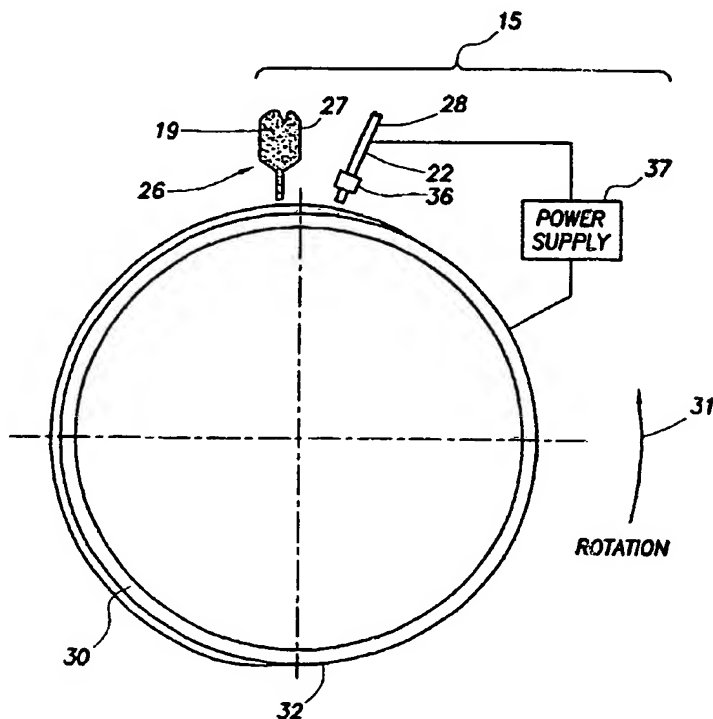
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(54) Title: EXTENDING THE LIFE OF AN AMORPHOUS HARDFACE BY INTRODUCTION OF PELLETS



(57) Abstract: Apparatus and method for hardfacing a workpiece such as a cylindrical hollow pipe. The workpiece is moved past a stationary deposition head and a pellet-metering device. The deposition head and pellet-metering device are spaced far enough apart that the hardening pellets are dispersed uniformly onto and throughout the depth of the molten puddle of hardfacing material on the workpiece, resulting in substantially uniform cooling throughout the thickness of the hardfacing material, thereby decreasing the likelihood of cracking and heat checking.

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